

## ABSTRACT

A fire-resistant heat insulating material excellent in  
resistance to heat, resistance to slag, resistance to molten  
iron, resistance to wear, and resistance to mechanical impulse  
is provided. A highly endurable heat insulating material  
characterized by being provided on the surface of a layer  
of inorganic heat insulating fibers through the medium of  
a coating film of surface hardening material with a flame  
sprayed film of a fire-resistant ceramic substance.

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